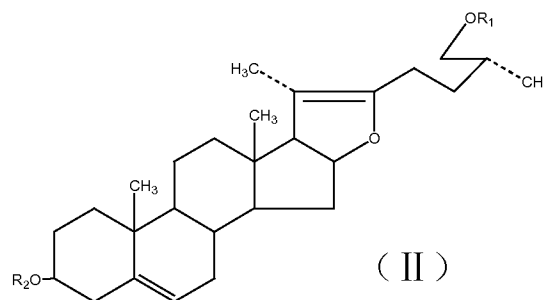
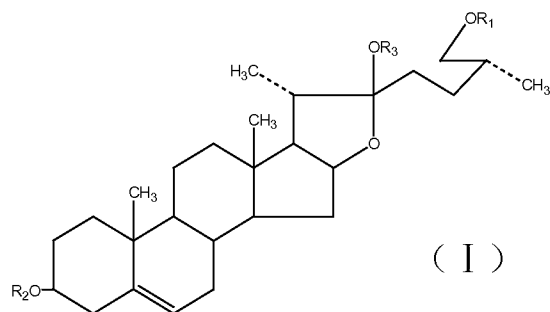


Abstract

The present invention relates to a steroidal saponins compound, and the preparation and application in curing cardiovascular diseases, such as miocardial infarction, etc.

The chemical structure of the steroidal saponins compound is as (I) or (II):



wherein, $R_1 = \beta\text{-D-glucose}$; $R_2 =$ straight or bifurcate sugar chains; $R_3 = \text{H or CH}_3$. In this invention, by various ways of separation, the steroidal saponins compound with chemical structure of (I) or (II) could be extracted, synthesized or semi-synthesized process from traditional Chinese medicine and natural products. Oral dosage drug or non-oral dosage drug was produced by the single steroidal saponins compound or the mixture of these compounds in vary ratio, the drug can be used to prevention and cure the diseases miocardial infarction, coronary artery disease, heart angina, arrhythmia, blood losing of cardiac muscle, hypertension, hyperlipaemia and ropy blood, etc. In structure (I) and (II), $R_1 = \beta\text{-D-glucose}$; $R_2 =$ straight or bifurcate sugar chains; $R_3 = \text{H or CH}$